

ABSTRACT

Disclosed is a packet data transmission method of a base station in a state where there is no data communication between the base station and a mobile station after transmission of packet data from the base station to the mobile station. The method comprises transmitting a DRQ (Data Rate Request) message to the mobile station after transmission of the packet data, to receive the transmitted packet data; transmitting to the mobile station an ACK message for a prescribed time period in response to a detection ACK signal of the DRQ message from the mobile station; and transmitting the packet data along with a power control signal at a data rate based on a data rate message received from the mobile station, after transmitting the ACK message.

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